

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 13 | "625920" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 14:46 |
| S2 | 2 | "4160165".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 14:46 |
| S3 | 15 | ("4160165").URPN. | USPAT | OR | ON | 2005/09/18 14:46 |
| S4 | 9 | ("2193789" "3171032" "3198947" "3670202" "3903417" "4032784").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/18 14:54 |
| S5 | 7 | (US-4160165-\$ or US-5859429-\$ or US-5574287-\$ or US-5548111-\$ or US-4965444-\$ or US-4764678-\$ or US-3670202-\$).did. | USPAT | OR | ON | 2005/09/18 14:55 |
| S6 | 0 | ("5548111").URPN. | USPAT | OR | ON | 2005/09/18 14:57 |
| S7 | 10 | ("3183353" "3515878" "3714441" "4160165" "4220851" "4661693" "5004904" "5157250").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/18 14:57 |
| S8 | 10 | ("4220851").URPN. | USPAT | OR | ON | 2005/09/18 15:01 |
| S9 | 12 | (US-4160165-\$ or US-5859429-\$ or US-5574287-\$ or US-5548111-\$ or US-4965444-\$ or US-4764678-\$ or US-3670202-\$ or US-5157250-\$ or US-5004904-\$ or US-4661693-\$ or US-4220851-\$ or US-6087656-\$).did. | USPAT | OR | ON | 2005/09/18 15:05 |
| S10 | 8 | ("3922541" "4053767" "4220851" "4272677" "4300043" "4346590" "5160844" "5376797").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/18 15:09 |
| S11 | 17 | (US-4160165-\$ or US-5859429-\$ or US-5574287-\$ or US-5548111-\$ or US-4965444-\$ or US-4764678-\$ or US-3670202-\$ or US-5157250-\$ or US-5004904-\$ or US-4661693-\$ or US-4220851-\$ or US-6087656-\$ or US-5376797-\$ or US-5160844-\$ or US-4346590-\$ or US-4300043-\$ or US-4053767-\$).did. | USPAT | OR | ON | 2005/09/18 15:14 |
| S12 | 1376 | 250/252.1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:14 |
| S13 | 184 | 250/261.cccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:14 |
| S14 | 1335 | 250/252.1.cccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:14 |
| S15 | 0 | 250/263.1.cccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:15 |
| S16 | 294 | 250/363.1.cccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:15 |

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| S17 | 1142 | 250/207.ccis. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:51 |
| S18 | 253 | 250/214ag.ccis. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:17 |
| S19 | 1447 | 250/214vt.ccis. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:17 |
| S20 | 996 | 250/214la.ccis. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:17 |
| S21 | 6007 | S12 S13 S14 S15 S16 S17 S18 S19 S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:18 |
| S22 | 1132 | S21 and (photomultiplier photo adj multiplier pmt) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:18 |
| S23 | 696 | S22 and (stabiliz\$5 calibrat\$5 regulat\$4 gain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:08 |
| S24 | 14 | "6342698".pn. "5859429".pn. "5548111".pn. "5237173".pn. "5004904".pn. "4605856".pn. "4160165".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:24 |
| S25 | 933 | S21 and scintillat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:27 |
| S26 | 515 | S25 and (stabiliz\$5 calibrat\$5 regulat\$4 gain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:28 |
| S27 | 330 | S23 and S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:58 |
| S28 | 881 | S23 S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:29 |
| S29 | 47 | S28 and splitter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:56 |

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| S30 | 45 | S28 and beam adj splitter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:29 |
| S31 | 7 | S28 and beam adj splitter.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:51 |
| S32 | 2 | S27 and beam adj splitter.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:53 |
| S33 | 3 | S27 and beam adj splitter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:54 |
| S34 | 4 | S27 and splitter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:56 |
| S35 | 18 | S27 and split\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 15:56 |
| S36 | 153 | S27 and temperature | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:43 |
| S37 | 198 | S14 and (pmt or photomultiplier or photo adj multiplier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:44 |
| S38 | 14724 | S37 andf temperature and scintillat\$4 and (led or diode of light adj source) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:45 |
| S39 | 37 | S37 and temperature and scintillat\$4 and (led or diode of light adj source) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:45 |
| S40 | 35 | S37 and temperature and scintillat\$4 and (led or diode or light adj source) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:46 |
| S41 | 16 | S37 and temperature and scintillat\$4 and (led or diode or light adj source) and stabiliz\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:46 |
| S42 | 2 | S37 and (temperature and scintillat\$4 and (led or diode or light adj source) and stabiliz\$5).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:49 |

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| S43 | 0 | S37 and (temperature and scintillat\$4 and (led or diode or light adj source) and stabiliz\$5).clm. and split\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:49 |
| S44 | 0 | S21 and (temperature and scintillat\$4 and (led or diode or light adj source) and stabiliz\$5).clm. and split\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:49 |
| S45 | 0 | S21 and temperature.clm. and scintillat\$4.clm. and (led or diode or light adj source) near4 puls\$5.clm. and stabiliz\$5.clm. and split\$5.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:50 |
| S46 | 0 | temperature.clm. and scintillat\$4.clm. and (led or diode or light adj source) near4 puls\$5.clm. and stabiliz\$5.clm. and split\$5.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 16:51 |
| S47 | 1510 | S13 S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:09 |
| S48 | 1992 | S23 S47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:09 |
| S49 | 37173 | S48 (photo adj multiplier photomultiplier pmt) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:14 |
| S50 | 62784 | S48 scintillat\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:10 |
| S51 | 449 | S48 and scintillat\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:14 |
| S52 | 734 | S48 and (photo adj multiplier photomultiplier pmt) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:13 |
| S53 | 2643 | S13 S14 S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:14 |
| S54 | 746 | S53 and (photo adj multiplier photomultiplier pmt) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:33 |
| S55 | 475 | S53 and scintillat\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:33 |

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| S56 | 843 | S53 and (led diode light adj source) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:15 |
| S57 | 83 | S53 and (led diode light adj source) near3 puls\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:15 |
| S58 | 273 | S53 and (led diode light adj source) same puls\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:34 |
| S59 | 157 | S53 and split\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:15 |
| S60 | 85 | S53 and split\$5 near3 beam | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:16 |
| S61 | 728 | S53 and temperature | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:16 |
| S62 | 23 | S53 and temperature near4 scintillat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:19 |
| S63 | 306 | S54 and S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:22 |
| S64 | 19 | S63 and S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:17 |
| S65 | 9 | S53 and temperature near4 scintillat\$4 same (measur\$4 determin\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:19 |
| S66 | 9 | S53 and temperature near4 scintillat\$4 same (measur\$4 determin\$5 sens\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:19 |
| S67 | 73 | S63 and stabiliz\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:27 |
| S68 | 22 | S63 and stabiliz\$6.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:22 |

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| S69 | 27 | S63 and S57 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:32 |
| S70 | 16 | S69 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:32 |
| S71 | 181 | S53 and (photo adj multiplier photomultiplier pmt).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:32 |
| S72 | 181 | S53 and (photo adj multiplier photomultiplier pmt).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:33 |
| S73 | 104 | S53 and scintillat\$5.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:33 |
| S74 | 55 | S72 and S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:33 |
| S75 | 32 | S53 and (led diode light adj source) same puls\$4.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:34 |
| S76 | 82 | S74 S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:34 |
| S77 | 5 | S74 and S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:35 |
| S78 | 0 | S77 and split\$5.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:35 |
| S79 | 2 | S77 and stabiliz\$5.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/18 17:35 |
| S80 | 25 | (US-4160165-\$ or US-5859429-\$ or US-5574287-\$ or US-5548111-\$ or US-4965444-\$ or US-4764678-\$ or US-3670202-\$ or US-5157250-\$ or US-5004904-\$ or US-4661693-\$ or US-4220851-\$ or US-6087656-\$ or US-5376797-\$ or US-5160844-\$ or US-4346590-\$ or US-4300043-\$ or US-4053767-\$ or US-6342698-\$ or US-5237173-\$ or US-4605856-\$ or US-6835935-\$ or US-6407390-\$ or US-6064068-\$ or US-6051830-\$ or US-5677536-\$).did. | USPAT | OR | ON | 2005/09/18 17:36 |